

Abstract

A product (11) of sheet steel is formed in a pair of cooled tools (16, 17) when hot and hardened to a martensitic structure when still in the tools so that the tools act as a fixture during the hardening. The steel is kept mild in the areas in which it is to be machined, for example punched. Inserts (20, 21) in the tools are used to prevent rapid cooling and thereby a martensitic structure in these areas. The same effect can be obtained by recesses (23, 24) in the tools so that there will be a gap between the sheet steel (11) and the tools.

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